

## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Canceled).
2. (Currently Amended)      Method in accordance with claim 11, wherein the temperature of the air jet (26) is measured by the structure altering the direction and the impulse of the air jet at a location spaced from the blower (20, 22).
3. (Currently Amended)      Method in accordance with claim 11, wherein the air jet (26) is directed into the cabin (40) from a ~~the~~ ceiling area (14).
4. (Currently Amended)      Method in accordance with claim 11, wherein, as the temperature of the air jet (26) rises, an angle ( $\alpha$ ) of the air jet with respect to the vertical (V) is made smaller.
5. (Currently Amended)      Method in accordance with claim 11, wherein, as the temperature of the air jet (26) rises, its impulse is increased.
6. (Canceled).

7. (Currently Amended) Device in accordance with claim 12, wherein the ~~means (20) for altering structure adapted to alter the direction and and/or the impulse of the air jet (26) have~~ includes a component (28) with a temperature-dependent form.

8. (Currently Amended) Device in accordance with claim 7, wherein the component (28) includes a shape memory alloy.

9. (Currently Amended) Device in accordance with claim 7, wherein the component (28) has a bi-metallic element.

10. (Currently Amended) Device in accordance with claim 12, further comprising:  
a sensor adapted wherein the means adapted (28) for measuring the temperature  
are positioned in such a way as to measure the temperature of the air jet (26) at a location spaced  
away from the guide pipe means (20, 22) for generating and directing.

11. (Currently Amended) Method for air-conditioning ~~[[of]]~~ an aircraft cabin ~~cabins~~,  
comprising:  
generating and directing at least one air jet (26) into the aircraft cabin with a guide  
pipe (10), via at least one blower (20, 22);  
measuring the temperature of the air jet (26); and  
altering the direction and and/or the impulse of the air jet depending upon the  
measured temperature, wherein the altering occurs via rotation of a structure including a rotation  
device the blower (20, 22).

12. (Currently Amended) Device for air-conditioning an aircraft cabin (10) comprising:

an aircraft cabin;

a guide pipe adapted to direct means (20, 22) for generating and directing at least one air jet (26) into the aircraft cabin (10); and

a structure including a rotation device, said structure adapted to measure means (28) for measuring the temperature of the at least one air jet (26) and alter a means (20) for altering the direction and/or the impulse of the air jet (26) dependent upon the measured air jet temperature, wherein the means (20) for altering is adapted to rotate the means for directing and generating to rotatably change the direction of the air jet (26).

13. (Currently Amended) Device in accordance with claim 7 ~~claim 12~~, wherein the component includes a passive sensor and an actuator element ~~further comprising a rotation device with which the means (20) for generating and directing the air jet (26) can be rotated about a horizontal axis, so as to vary the vertical angle of the air jet (26).~~

14-21. (Canceled).